

## Message Text

CONFIDENTIAL

PAGE 01 OECD P 14467 01 OF 02 161922Z  
ACTION EB-07

INFO OCT-01 CIAE-00 COME-00 DODE-00 NSAE-00 USIA-06  
TRSE-00 EUR-12 ERDA-05 ISO-00 OES-07 ACDA-07 EA-07  
/052 W

-----161939Z 023922 /40

R 161917Z MAY 77  
FM USMISSION OECD PARIS  
TO SECSTATE WASH DC 6676

C O N F I D E N T I A L SECTION 01 OF 02 OECD PARIS 14467

EXCON

E.O. 11652: XGDS1  
TAGS: ESTC, COCOM  
SUBJ: REDEFINITION OF ITEM 1091: DISCUSSION OF BELGIAN  
PROPOSALS.

REFS: COCOM DOC. DEF (77) 1091/2.

SUMMARY: US ALONE WAS UNABLE TO SUPPORT BELGIAN 1091  
REDEFINITION PROPOSAL, ALTHOUGH WE EXPRESSED SYMPATHY  
WITH THE INTENT OF ITS SUBITEM (A)(I). AFTER EXTENSIVE  
DISCUSSION, BELGIUM ON FINAL DAY OFFERED COMPROMISE ON  
SUBITEM (B)(I). IT INSISTED ON HAVING VIEWS ON THIS RE-  
VISED PROPOSAL JUNE 14, BUT ANNOUNCED THAT REGARDLESS OF  
THE OUTCOME, IT WOULD THENCEFORWARD LICENSE BORING AND  
MILLING MACHINES ON BASIS OF IT. END SUMMARY.

1. ALL DELEGATIONS, EXCEPT U.S., INDICATED GENERAL SUP-  
PORT FOR BELGIAN 1091 PROPOSAL. SEVERAL DELS MADE STATE-  
MENTS ALLEGING FOREIGN AVAILABILITY OF SUCH NC EQUIP-  
MENT IN BLOC. GERMAN DEL NOTED TESLA'S INTRODUCTION OF  
A CNC LINE BASED ON INTEL 8080S AND CITED THE ASEA/POL-  
ISH TRANSACTION. FRENCH DEL REPORTED SEEING THREE AND  
SIX-AXIS CONTOURING CNC'S IN THE PRC WHICH WERE ACTUALLY  
CONFIDENTIAL

CONFIDENTIAL

PAGE 02 OECD P 14467 01 OF 02 161922Z

IN USE MACHINING PARTS. ITALY INFORMALLY SUPPLIED US  
EXPERTS INFORMATION ON BLOC'S CAPABILITY TO MANUFACTURE  
LARGE MACHINE TOOLS.

2. DURING TWG DISCUSSIONS US EXPERTS EXPLAINED THAT  
WHILE WE WERE IN SYMPATHY WITH INTENT OF BELGIAN PROPOS-  
AL REGARDING 1091(A)(I), WE COULD NOT SUPPORT ITS DELE-

TION BECAUSE OF OUR CONCERN THAT DELETION WOULD RELEASE COMPUTER-RELATED TECHNOLOGY. US PROPOSAL WAS DESIGNED, US EXPERTS STATED, TO MEET BELGIAN DESIRES IN THIS REGARD WITHOUT RISKING FREEING OF SUCH TECHNOLOGY.

3. BELGIAN EXPERT EXPLAINED THAT BELGIAN DESIRE DELETE 1091 (A)(II) WAS BASED ON BELIEF THAT THREE AXIS CONTINUOUS PATH SYSTEMS WITH LINEAR INTERPOLATION, NOT INCORPORATED ON MACHINE TOOLS, SHOULD NOT BE COVERED. THEY WOULD RESTRICT THIS EXCEPTION, HOWEVER TO PERMIT ONLY CIRCULAR INTERPOLATION IN ANY 2 AXES AND LINEAR INTERPOLATION IN THREE. CURRENT DEFINITION AND US PROPOSAL DO NOT RESTRICT THEY TYPE OF INTERPOLATION (E.G. CAN USE PARABOLIC OR CUBIC). ITALIAN DEL SUGGESTED THAT BELGIAN PROPOSAL BE REVISED TO PERMIT ALL TYPES OF INTERPOLATION. OTHER DELEGATIONS SUPPORTED THIS SUGGESTION.

4. BELGIAN DEL STRONGLY PROTESTED THE TRAVEL LIMITS IN CURRENT 1091(B)(I)(1). HE INITIALLY PUSHED FOR UNLIMITED (TRAVERSE) TRAVEL FOR HORIZONTAL BORING MILLS AND FIVE METER TRAVELS FOR Y AND Z. BELGIAN EXPERT, SUPPORTED BY ITALIANS, ARGUED THAT Y TRAVEL OF FIVE METERS AND A TOTAL TRAVEL OF Z PLUS W OF THREE METERS WAS ADEQUATE COVERAGE. THEY RECALLED THAT LARGE HORIZONTAL BORING MACHINES WERE BEING BUILT BY SKODA IN CZECHSLOVAKIA AND POREBA IN POLAND. THE INTENT OF BELGIAN PROPOSAL, EXPERT EXPLAINED, WAS LARGELY DIRECTED AT OBTAINING A LIBERALIZATION OF EMBARGO COVERAGE FOR HORIZONTAL BORING MILLS. THE US ASKED BELGIANS AND ITALIANS TO

CONFIDENTIAL

PAGE 03 OECD P 14467 01 OF 02 161922Z

STATE THE SHORTEST TRAVEL LENGTH LIMITATION THEY COULD ACCEPT. THEY RESPONDED WITH A FIGURE OF 15 METERS.

5. BELGIAN DEL WAS SUPPORTED BY ITALIAN, NETHERLANDS AND FRENCH DELS IN DISSATISFACTION WITH CURRENT 20KW SPINDLE POWER CUTOFF PROVIDED FOR IN 1091(B)(I)(3). IN THEIR OPINION 20KW WOULD BE NEEDED TO DRIVE THE SPINDLE ALONE FOR SOME LARGER MACHINES, LEAVING NO POWER FOR METAL REMOVAL. THE US ASKED IF A LIMIT OF 150 MM SPINDLE DIAMETER OR 35 KW ON SPINDLE POWER WOULD BE ACCEPTABLE. BELGIAN EXPERT RESPONDED THAT MACHINES BELGIUM WAS CONSIDERING FOR EXPORT TO THE BLOC HAD SPINDLE DIAMETERS OF 200 MM AND SPINDLE POWER OF 75 KW. HE QUOTED S FIGURES FROM SKODA AND POREBA CATALOGS OF MACHINE TOOLS WITH SPINDLE POWER OPTIONS OF UP TO 75 KW.

6. EXPRESSING DISAPPOINTMENT IN LACK OF PROGRESS, AFTER

CONFIDENTIAL

NNN

CONFIDENTIAL

PAGE 01 OECD P 14467 02 OF 02 161930Z  
ACTION EB-07

INFO OCT-01 CIAE-00 COME-00 DODE-00 NSAE-00 USIA-06  
TRSE-00 EUR-12 ERDA-05 ISO-00 OES-07 EA-07 ACDA-07  
/052 W

-----161938Z 024153 /50

R 161917Z MAY 77  
FM USMISSION OECD PARIS  
TO SECSTATE WASH DC 6677

C O N F I D E N T I A L SECTION 02 OF 02 OECD PARIS 14467

EXCON

TECHNICAL DISCUSSIONS, BELGIAN DEL AT FINAL PLENARY MEET-  
ING SUBMITTED COMPROMISE PROPOSAL AND REQUESTED COMMENTS  
NO LATER THAN JUNE 14. HE WENT ON TO STATE THAT, REGARD-  
LESS OF WHETHER COMMITTEE AGREED TO REVISED PROPOSAL,  
BELGIAN AUTHORITIES WOULD FROM THAT DATE LICENSE EXPORT  
OF MACHINE TOOLS WITHIN ITS PARAMETERS. HE SAID BELGIUM  
WAS COMPELLED TO TAKE THIS STEP BY GRAVE CRISIS WHICH  
OTHERWISE FORCE CLOSING OF REMAINING BELGIAN MACHINE  
TOOL MANUFACTURERS.

7. REVISED PROPOSAL WOULD ALTER PARAMETERS IN PRESENT IL  
1091 (B)(I) AS FOLLOWS:

1091(B)(I)(1) -- MAXIMUM SLIDE TRAVEL LIMITED TO  
6000 MM FOR AXIS, 5000 MM FOR Y, AND TOTAL OF 3000  
MM FOR Z AND W TOGETHER;

1091(B)(I)(3) -- SPINDLE HORSEPOWER EQUAL TO OR  
LESS THAN 35 KW;

1091(B)(I)(6) -- UP TO 3 AXES SIMULTANEOUSLY  
COORDINATED.

NEW AEN WOULD PERMIT SHIPMENT OF BORING MILLS WITH  
CONFIDENTIAL

CONFIDENTIAL

PAGE 02 OECD P 14467 02 OF 02 161930Z

SLIDE TRAVEL IN TRANSVERSAL AXIS X UP TO 15,000 MM AND/  
OR SPINDLE HORSEPOWER UP TO 75KW WITH 30 DAYS' ADVANCE  
NOTICE TO COMMITTEE.

8. IN ENSUING DISCUSSION, FIVE DELSSUPPORTED THIS PRO-  
POSAL, TWO AD REF. ITALY, GERMANY, UK AND US DEPLORED  
BELGIAN INTENT TO APPLY IT REGARDLESS OF COMMITTEE AC-  
TION; US DEL IN ADDITION REMINDED BELGIUM OF PARAGRAPH  
1(D) OF GENERAL EXCEPTIONS PROCEDURE, REQUIRING COMMIT-  
TEE TO TAKE INTO ACCOUNT OVERRIDING ECONOMIC, POLITICAL  
AND SOCIAL FACTORS AT REQUEST OF SUBMITTING DELEGATION.  
CHAIRMAN POINTLY ASKED WHY, IF BELGIANS INTENDED TO AP-  
PLY THEIR PROPOSAL IN ANY EVENT, THEY WISHED TO HAVE IT  
DISCUSSED. HE OBSERVED THAT UNDER SUCH CIRCUMSTANCES  
IT WAS NOT A PROPOSAL BUT MERELY A NOTIFICATION. BELGIAN  
DEL REPLIED RATHER LAMELY THAT THEY WANTED TO ACT IN  
SPIRIT OF COCOM AND GIVE OTHERS A CHANCE TO AGREE FIRST;  
HOWEVER, HIS AUTHORITIES WERE PERFORMING WHAT HE DES-  
CRIBED AS AN "ACT OF SOVEREIGNTY."

9. IN RESPONSE TO QUESTIONS FROM UK AND US, BELGIAN EX-  
PERT REPLIED THAT BELGIUM WOULD CONTINUE TO APPLY EXIST-  
ING COVERAGE OF CONTROL UNITS. SPECIFICALLY, WITH 3-  
AXIS MACHINE TOOLS THEY WOULD LICENSE ONLY 2-AXIS CON-  
TROL UNITS.

10. COMMENT: WHILE BELGIAN ACTION IS DEPLORABLE AND  
REDUCES CHANCES OF COMPROMISE, USDEL HOPES EDAC AGENCIES  
WILL PURSUE THEIR SEARCH FOR ONE WHICH WILL SATISFY  
BOTH BELGIAN AND US DESIRES.  
KATZ

CONFIDENTIAL

NNN

## Message Attributes

**Automatic Decaptioning:** X  
**Capture Date:** 01-Jan-1994 12:00:00 am  
**Channel Indicators:** n/a  
**Current Classification:** UNCLASSIFIED  
**Concepts:** COMMITTEE MEETINGS, IL 1091  
**Control Number:** n/a  
**Copy:** SINGLE  
**Sent Date:** 16-May-1977 12:00:00 am  
**Decaption Date:** 01-Jan-1960 12:00:00 am  
**Decaption Note:**  
**Disposition Action:** RELEASED  
**Disposition Approved on Date:**  
**Disposition Case Number:** n/a  
**Disposition Comment:** 25 YEAR REVIEW  
**Disposition Date:** 22 May 2009  
**Disposition Event:**  
**Disposition History:** n/a  
**Disposition Reason:**  
**Disposition Remarks:**  
**Document Number:** 1977OECDP14467  
**Document Source:** CORE  
**Document Unique ID:** 00  
**Drafter:** n/a  
**Enclosure:** n/a  
**Executive Order:** X1  
**Errors:** N/A  
**Expiration:**  
**Film Number:** D770173-0642  
**Format:** TEL  
**From:** OECD PARIS  
**Handling Restrictions:** n/a  
**Image Path:**  
**ISecure:** 1  
**Legacy Key:** link1977/newtext/t19770553/aaaabtnq.tel  
**Line Count:** 202  
**Litigation Code IDs:**  
**Litigation Codes:**  
**Litigation History:**  
**Locator:** TEXT ON-LINE, ON MICROFILM  
**Message ID:** b21a4693-c288-dd11-92da-001cc4696bcc  
**Office:** ACTION EB  
**Original Classification:** CONFIDENTIAL  
**Original Handling Restrictions:** n/a  
**Original Previous Classification:** n/a  
**Original Previous Handling Restrictions:** n/a  
**Page Count:** 4  
**Previous Channel Indicators:** n/a  
**Previous Classification:** CONFIDENTIAL  
**Previous Handling Restrictions:** n/a  
**Reference:** n/a  
**Retention:** 0  
**Review Action:** RELEASED, APPROVED  
**Review Content Flags:**  
**Review Date:** 29-Nov-2004 12:00:00 am  
**Review Event:**  
**Review Exemptions:** n/a  
**Review Media Identifier:**  
**Review Release Date:** n/a  
**Review Release Event:** n/a  
**Review Transfer Date:**  
**Review Withdrawn Fields:** n/a  
**SAS ID:** 2505600  
**Secure:** OPEN  
**Status:** NATIVE  
**Subject:** REDEFINITION OF ITEM 1091: DISCUSSION OF BELGIAN PROPOSALS.  
**TAGS:** ESTC, US, BE, COCOM  
**To:** STATE  
**Type:** TE  
**vdkgvwkey:** odbc://SAS/SAS.dbo.SAS\_Docs/b21a4693-c288-dd11-92da-001cc4696bcc  
**Review Markings:**  
Margaret P. Grafeld  
Declassified/Released  
US Department of State  
EO Systematic Review  
22 May 2009  
**Markings:** Margaret P. Grafeld Declassified/Released US Department of State EO Systematic Review 22 May 2009